


# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <p style="text-align: center;">IP030039</p>	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. <p style="text-align: center;">PCT/CN03/00705</p>	International filing date (day/month/year) <p style="text-align: center;">21.August 2003(21.08.03)</p>	Priority date (day/month/year) <p style="text-align: center;">12. June 2003(12.06.03)</p>
International Patent Classification (IPC) or national classification and IPC <p style="text-align: center;">IPC<sup>7</sup> A47G19/14,19/16,A47J31/24</p>		
Applicant <p style="text-align: center;">Shao Zhicheng</p>		
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet. <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and /or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority ( see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). <p style="margin-left: 40px;">These annexes consist of a total of _____ sheets.</p>		
3. This report contains indications relating to the following items: <div style="margin-left: 20px;">           I <input checked="" type="checkbox"/> Basis of the report            II <input type="checkbox"/> priority            III <input type="checkbox"/> Non-establishment of opinion with regard to novelty ,inventive step and industrial applicability            IV <input type="checkbox"/> Lack of unity of invention            V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2)with regard to novelty ,inventive step or industrial applicability; citations and explanations supporting such statement            VI <input checked="" type="checkbox"/> Certain documents cited            VII <input type="checkbox"/> Certain defects in the international application            VIII <input type="checkbox"/> Certain observations on the international opplication.         </div>		
Date of submission of the demand <p style="text-align: center;">21.August 2003(21.08.03)</p>	Date of completion of this report <p style="text-align: center;">30.June 2004(30.06.04)</p>	
Name and mailing address of the IPEA/CN 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451	Authorized officer <div style="text-align: center;">         Song Hongming     </div> Telephone No.86-10-62085824	

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/CN03/00705

## I. Basis of the report

## 1. With regard to the elements of the international application:

☒ the international application as originally filed☐ the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the claims:

Nos \_\_\_\_\_, as originally file

Nos \_\_\_\_\_, as amended (together with any statement) under Article 19

Nos \_\_\_\_\_, filed with the demand

Nos \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the drawings:

sheets/fig \_\_\_\_\_, as originally filed

sheets/fig \_\_\_\_\_, filed with the demand

sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the sequence listing part of the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

## 2. with regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language Chinese which is:☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).☐ the language of publication of the international application (under Rule 48.3(b)).☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.☐ filed together with the international application in computer readable form.☐ furnished subsequently to this Authority in written form.☐ furnished subsequently to this Authority in computer readable form.☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4. ☐ The amendments have resulted in the cancellation of:☐ the description, pages \_\_\_\_\_☐ the claims No. \_\_\_\_\_☐ the drawings, sheets/fig \_\_\_\_\_5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/CN03/00705**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement:**

Novelty (N)	Claims <u>1-25</u>	YES
	Claims _____	NO
Inventive step (IS)	Claims <u>8, 10, 12, 14, 18-23, 25</u>	YES
	Claims <u>1-7, 9, 11, 13, 15-17, 24</u>	NO
Industrial applicability (IA)	Claims <u>1-25</u>	YES
	Claims _____	NO

**2. Citations and explanations (Rule 70.7)**

- 2.1 Claim 1 lacks an inventive step under PCT Article 33(3). The difference between claim 1 and D1 is in that the inner container is disposed on the inner bottom (10) of the bottle(1). However the difference is well-known, thereby it is apparent for those skilled in the art, thus claim 1 lacks an inventive step.
- 2.2 The additional features of claims 2-3 are well-known, thereby it is apparent for those skilled in the art, thus claims 2-3 lack an inventive step under PCT Article 33(3).
- 2.3 Claim 4 lacks an inventive step under PCT Article 33(3). The difference between claim 4 and D2 is in that the upper filtering layer (9) is disposed on the upper opening of the funnel. However the difference is well-known, thereby it is apparent for those skilled in the art, thus claim 4 lacks an inventive step.
- 2.4 The additional features of claims 5-6, 13 are disclosed by D2(see pages 3-4 and Fig 1-7), thereby claims 5-6, 13 lack an inventive step under PCT Article 33(3).
- 2.5 The additional features of claims 7,9,11 are disclosed by D3(see the whole document), D2 and D3 belong to the same art, thereby it is apparent for those skilled in the art, thus claims 7,9,11 lack an inventive step under PCT Article 33(3).
- 2.6 The additional features of claims 15-17, 24 are disclosed by D2 and D4, D2 and D4 belong to the same art, thereby it is apparent for those skilled in the art, thus claims 15-17, 24 lack an inventive step under PCT Article 33(3).

In which:

D1:CN2418777Y

D2:US6062127A

D3:CN2153305Y

D4:EP0937433A

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/CN03/00705

## VI. Certain documents cited

### 1. Certain published documents (Rule 70.10)

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
CN2418777Y	14/2/2001		
US6062127A	16/5/2000		
CN2153305Y	19/1/1994		
EP0937433A	25/8/1999		

### 2. Non-written disclosures (Rule 70.9)

Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)